

CLAIMS

I CLAIM:

1. A barrel mixer comprising:

a rotary mixer barrel;

a support for a rotary mixer barrel, the support including a tipping arrangement for the barrel, wherein the support limits tipping of the barrel between a mixing position in which the barrel is angled so as to retain its contents and a tipping position in which the barrel is angled so that its contents are poured out, the support further including wheels disposed proximate a bottom portion of the support;

a motor having a motor output shaft aligned parallel to an axis of rotation of the barrel;

a transmission mounted on the support for rotating the barrel, the transmission including step-down gearing between the motor and the barrel, the motor and gearing tipping with the barrel when the support is moved between the mixing position and the pouring position, wherein the motor and transmission are disposed substantially behind the wheels such that the motor and transmission are disposed on the same side of the support; and,

wherein the support comprises a resting surface extending on the motor and transmission side of the frame such that when the mixer is in the mixing position the mixer rests upon the resting surface and a foot extends beyond the wheels of the mixer such that when the mixer is in the pouring position the mixer rests upon the foot.

2. The mixer of claim 1, wherein the motor is an internal combustion engine.

3. The mixer of claim 2, wherein the engine is used to power rotary lawn mowers.

4. The mixer of claim 1, wherein the support is for an engine used to power rotary lawn mowers, and the motor is an electric motor.

5. The mixer of claim 4, wherein the electric motor is used to power washing machines.

6. The mixer of claims 1, wherein the barrel is demountable from the support and the support breaks down to fit inside the barrel for storage and transportation.